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ATTY. DOCKET NO.
PH7263
APPLICATION NO.
10/026,993
APPLICANT
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Sheet 1 of 5

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
KN	AA	3914421	10/21/75	Rajagopalan	424	248	
	AB	4013652	3/22/77	Rajagopalan	260	24v	
	AC	4115577	9/19/78	Rajagopalan	424	256	
	AD	4183936	1/15/80	Rajagopalan	424	256	
	AE	4219550	8/26/80	Rajagopalan	424	246	
	AF	4238607	12/9/80	Rajagopalan	544	14	
	AG						
	AH						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KN	AM	0473550	8/21/91	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

KN	AR	Arnt, J., "Pharmacological Specificity of Conditioned Avoidance Response Inhibition in Rats: Inhibition by Neuroleptics and Correlation to Dopamine Receptor Blockade", Acta pharmacol. et toxicol., Vol. 51, pp. 321-329 (1982)
KN	AS	Aubé, J. et al., "Application of the Intramolecular Schmidt Reaction to the Asymmetric Synthesis of (-)-Indolizidine 209B from Pulegone", Heterocycles, Vol. 35, No. 2, pp. 1141-1147 (1993)
FN	AT	Batchelor, M.J. et al., "Total Synthesis of Close Analogues of the Immunosuppressant FK506", Tetrahedron, Vol. 50, No. 3, pp. 809-826 (1994)

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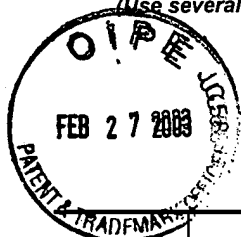
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KN	2AA	Beak, P. et al., " α -Lithioamine Synthetic Equivalents from Dipole-Stabilized Carbanions: The <i>t</i> -Boc Group as an Activator for α' -Lithiation of Carbamates", Tetrahedron Letters, Vol. 30, No. 10, pp. 1197-1200 (1989)
	2AB	Berendsen, H.H.G. et al., "Involvement of 5-HT _{1C} -receptors in drug-induced penile erections in rats", Psychopharmacology, Vol. 101, pp. 57-61 (1990)
	2AC	Berridge, M.J. et al., "Lithium amplifies agonist-dependent phosphatidylinositol responses in brain and salivary glands", Biochem. J., Vol. 206, pp. 587-595 (1982)
	2AD	Costall, B. et al., "Detection of the Neuroleptic Properties of Clozapine, Sulpiride and Thioridazine", Psychopharmacologia (Berl.), Vol. 43, pp. 69-74 (1975)
	2AE	Crisp, G.T. et al., "Palladium-Catalyzed Carbonylative Coupling of Vinyl Triflates with Organostannanes. A Total Synthesis of (\pm) $\Delta^{9(12)}$ -Capnellene", J. Am. Chem. Soc., Vol. 106, pp. 7500-7506 (1984)
	2AF	Curzon, G. et al., " <i>m</i> -CPP: a tool for studying behavioural responses associated with 5-HT _{1C} receptors", TiPS, Vol. 11, pp. 181-182 (1990)
	2AG	Dike, S.Y. et al., "A New Enantioselective Chemoenzymatic Synthesis of R-(-)Thiazesim Hydrochloride", Bioorganic & Medicinal Chemistry Letters, Vol. 1, No. 8, pp. 383-386 (1991)
	2AH	Egan, C.T. et al., "Agonist activity of LSD and lisuride at cloned 5HT _{2A} and 5HT _{2C} receptors", Psychopharmacology, Vol. 136, pp. 409-414 (1998)
	2AI	Fitzgerald, L.W. et al., "High-Affinity Agonist Binding Correlates with Efficacy (Intrinsic Activity) at the Human Serotonin 5-HT _{2A} and 5-HT _{2C} Receptors . . .", Journal of Neurochemistry, Vol. 72, No. 5, pp. 2127-2134 (1999)
	2AJ	Frost, J.J. et al., "In Vivo Binding of ³ H-N-Methylspiperone to Dopamine and Serotonin Receptors", Life Sciences, Vol. 40, pp. 987-995 (1987)
	2AK	Glennon, R.A. et al., "[¹²⁵ I]-1-(2,5-Dimethoxy-4-iodophenyl)-2-amino-propane: An Iodinated Radioligand That Specifically Labels the Agonist High-Affinity State of 5-HT ₂ Serotonin Receptors", J. Med. Chem., Vol. 31, pp. 5-7 (1988)
	2AL	Gore, P.H., "The Friedel-Crafts Acylation Reaction and Its Application to Polycyclic Aromatic Hydrocarbons", Chem. Rev., pp. 229-281 (1955)
	2AM	Horlick, R.A. et al., "Rapid Generation of Stable Cell Lines Expressing Corticotropin-Releasing Hormone Receptor for Drug Discovery", Protein Expression and Purification, Vol. 9, pp. 301-308 (1997)
	2AN	House, H.O., Modern Synthetic Reactions, 2nd ed., W.A. Benjamin, Inc. (table of contents) (1972)

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3AA	Ismaiel, A.M. et al., "Binding of N ₂ -Substituted Pyrido[4,3-b]Indole Analogs of Spiperone at Human 5-HT _{2A} , 5-HT _{2B} , and 5HT _{2C} Serotonin Receptors", Med. Chem. Res., pp. 197-211 (1996)
3AB	Iwao, M. et al., "Directed Lithiation of 1-(<i>tert</i> -Butoxycarbonyl)Indolines. A Convenient Route to 7-Substituted Indolines", Heterocycles, Vol. 34, No. 5, pp. 1031-1038 (1992)
3AC	Knochel, P. et al., "Preparation and Reactions of Polyfunctional Organozinc Reagents in Organic Synthesis", Chem. Rev., Vol. 93, pp. 2117-2188 (1993)
3AD	Koek, W. et al., "Behavioral Pharmacology of Antagonists at 5-HT ₂ /5-HT _{1C} Receptors", Neuroscience & Biobehavioral Reviews, Vol. 16, pp. 95-105 (1992)
3AE	Leonard, B.E., "The Comparative Pharmacology of New Antidepressants", J. Clin. Psychiatry, Vol. 54, No. 8 (suppl.), pp. 3-15 (1993), and Vol. 54, No. 12, p. 491 (1993) (correction)
3AF	Leonhardt, S. et al., "Molecular Pharmacological Differences in the Interaction of Serotonin with 5-Hydroxytryptamine _{1C} and 5-Hydroxytryptamine ₂ Receptors", Molecular Pharmacology, Vol. 42, pp. 328-335 (1992)
3AG	Lucaites, V.L. et al., "Receptor Subtype and Density Determine the Coupling Repertoire of the 5-HT ₂ Receptor Subfamily", Life Sciences, Vol. 59, No. 13, pp. 1081-1095 (1996)
3AH	Lucki, I. et al., "Differential Actions of Serotonin Antagonists on Two Behavioral Models of Serotonin Receptor Activation in the Rat", The Journal of Pharmacology and Experimental Therapeutics, Vol. 228, No. 1, pp. 133-139 (1984)
3AI	Miyaura, N. et al., "Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds", Chem. Rev., Vol. 95, pp. 2457-2483 (1995)
3AJ	Motoyoshiya, J., "Recent development of Z-selective Horner-Wadsworth-Emmons reaction", Trends in Organic Chemistry, Vol. 7, pp. 63-73 (1998)
3AK	Neumann, W.P., "Tri- <i>n</i> -butyltin Hydride as Reagent in Organic Synthesis", Synthesis, pp. 665-683 (1987)
3AL	Nozulak, J. et al., "(+)= <i>cis</i> -4,5,7a,8,9,10,11,11a-Octahydro-7H-10-methylindolo[1,7- <i>bc</i>][2,6]-naphthyridine: A 5-HT _{2C/2B} Receptor Antagonist with Low 5-HT _{2A} Receptor Affinity", J. Med. Chem., Vol. 38, pp. 28-33 (1995)
3AM	Nukui, S. et al., "Regio- and Stereoselective Functionalization of an Optically Active Tetrahydroindolizine Derivative. Catalytic Asymmetric Syntheses of Lentiginosine, 1,2-Diepileptiginosine, and Gephyrotoxin 209D", J. Org. Chem, Vol. 60, pp. 398-404 (1995)
3AN	Olah, G.A., Friedel-Crafts and Related Reactions, Interscience Publishers, a division of John Wiley & Sons Inc., Vol. III, Part 1, pp. xi-xxvi (1964)

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KN	4AA	Olah, G.A., Friedel-Crafts and Related Reactions, Interscience Publishers, a division of John Wiley & Sons Inc., Vol. III, Part 2, pp. vii-xxii (1964)
	4AB	Olah, G.A., Friedel-Crafts Chemistry, John Wiley & Sons, Inc. (table of contents) (1973)
	4AC	Old, D.W. et al., "A Highly Active Catalyst for Palladium-Catalyzed Cross-Coupling Reactions: Room-Temperature Suzuki Couplings and Amination of Unactivated Aryl Chlorides", J. Am. Chem. Soc., Vol. 120, pp. 9722-9723 (1998)
	4AD	Padwa, A., 1-3 Dipolar Cycloaddition Chemistry, John Wiley & Sons, Inc., Vol. 1, p. xi (1984)
	4AE	Padwa, A., 1-3 Dipolar Cycloaddition Chemistry, John Wiley & Sons, Inc., Vol. 2, p. xi (1984)
	4AF	Petasis, N.A. et al., "Methylenations of Heteroatom-Substituted Carbonyls with Dimethyl Titanocene", Tetrahedron Letters, Vol. 36, No. 14, pp. 2393-2396 (1995)
	4AG	Remington, J.P., Remington's Pharmaceutical Sciences, 17th ed., Mack Publishing Company, p. 1418 (1985)
	4AH	Sawyer, J.S., "Recent Advances in Diaryl Ether Synthesis", Tetrahedron, Vol. 56, pp. 5045-5065 (2000)
	4AI	Sibi, M.P. et al., "N,N'-Dimethoxy-N,N'-Dimethylethanedi- amide: A Useful α -Oxo-N-Methoxy-N-Methylamide and 1,2-Diketone Synthons", Tetrahedron Letters, Vol. 33, No. 15, pp. 1941-1944 (1992)
	4AJ	Smith, P.A.S., "The Schmidt Reaction: Experimental Conditions and Mechanism", J. Am. Chem. Soc., Vol. 70, pp. 320-323 (1948)
	4AK	Stanforth, S.P., "Catalytic Cross-coupling Reactions in Biaryl Synthesis", Tetrahedron, Vol. 54, pp. 263-303 (1998)
	4AL	Still, W.C. et al., "Direct Synthesis of Z-Unsaturated Esters. A Useful Modification of the Horner-Emmons Olefination", Tetrahedron Letters, Vol. 24, No. 41, pp. 4405-4408 (1983)
	4AM	Trost, B.M. et al., "Palladium-Mediated Cycloaddition Approach to Cyclopentanoids. Introduction and Initial Studies", J. Am. Chem. Soc., Vol. 105, pp. 2315-2325 (1983)
	4AN	Tsuji, J., Palladium Reagents and Catalysts, Innovations in Organic Synthesis, John Wiley & Sons Ltd., pp. v-ix (1995)

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KH	5AA	Ugedo, L. et al., "Ritanserin, a 5-HT ₂ receptor antagonist, activates midbrain dopamine neurons by blocking serotonergic inhibition", Psychopharmacology, Vol. 98, pp. 45-50 (1989)
KA	5AB	Weichert, A. et al., "Palladium(0) Catalyzed Cross Coupling Reactions of Hindered, Double Activated Aryl Halides with Organozinc Reagents - The Effect of Copper(I) Cocatalysis", Synlett, pp. 473-476 (1996)
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